

PUBLIC NOTICE



**US Army Corps
of Engineers
Kansas City District**

**Permit No. CENWK-GP-4 (200500648)
Issue Date: October 24, 2005**

**STATE OF MISSOURI
ISSUANCE OF GENERAL PERMIT FOR
PRIVATE BOAT DOCKS, ASSOCIATED DOCK STRUCTURES,
& MINOR DISCHARGES IN THE
MISSOURI RIVER AND NAVIGABLE/HISTORICALLY NAVIGABLE
PORTIONS OF THE BIG BLUE RIVER, GASCONADE RIVER,
GRAND RIVER, LAMINE RIVER, AND OSAGE RIVER
IN THE KANSAS CITY DISTRICT REGULATORY BOUNDARIES**

The U.S. Army Corps of Engineers, Kansas City District HAS ISSUED general permit CENWK-GP-4 for construction, placement and maintenance of small fixed or floating boat docks, associated dock structures, and minor discharges up to 25 cubic yards, including excavation within the navigable and historically navigable rivers in the State of Missouri, within the Kansas City District, under the authority of Section 10 of the Rivers and Harbors Act of 1899 (33 USC 403) and Section 404 of the Clean Water Act (33 USC 1344).

Duration of this General Permit. The general permit has been issued and is in effect for five (5) years from the date of this notice, unless revoked or specifically extended.

Notification Procedures. The permit applicant must notify the District Engineer, Kansas City District, for authorization of this general permit. The notification must include detailed drawings and sufficient information to determine if the proposed work conforms to the criteria and conditions of the general permit. Department of the Army (DA) permit application (ENG Form 4345) may be used for this purpose, and is available to download at:

www.nwk.usace.army.mil/regulatory/regulatory.htm

You may also request a copy of the DA application form from our Missouri State Regulatory Office at 221 Bolivar Street, Jefferson City, Missouri 65101; telephone 573-634-2248, fax 573-634-7960.

If the Corps determines that the work meets the provisions of the general permit, and no extraordinary conditions exist that warrant evaluation as an individual permit, the proponent will be notified to proceed. If the Corps determines that the subject work does not meet the provisions of the general permit, or that extraordinary conditions exist, the applicant will be notified that an individual permit will be necessary. Additional information concerning limitations and general and special conditions of the permit can be obtained by writing to the Missouri State Regulatory Office or by calling 573-634-2248.

Conditions of this General Permit. All activities authorized by this general permit must comply with the general and special conditions of the enclosed copy of the general permit (Enclosure 1).

Enclosure

DEPARTMENT OF THE ARMY PERMIT

Permittee General Public

Permit No. 200500648

Issuing Office U.S. Army Engineer District, Kansas City

NOTE: The term "you" and its derivatives, as used in this permit, means the permittee or any future transferee. The term "this office" refers to the appropriate district or division office of the Corps of Engineers having jurisdiction over the permitted activity or the appropriate official of that office acting under the authority of the commanding officer.

You are authorized to perform work in accordance with the terms and conditions specified below, and with the plans and drawings attached hereto which are incorporated in and made a part of this permit.

Project Description: Construction, installation, and maintenance of fixed or floating private boat docks, no larger than 40-feet-long by 20-feet-wide, with attendant features that are necessary for the use and maintenance of the dock, i.e. walkways, piers, deadmen, and stairs. In addition, minor discharges up to 25 cubic yards, including the volume of any area excavated, which are necessary for installation of the dock and protection of the adjacent riverbank. No commercial docks are authorized.

Project Location: Missouri River from its confluence with the Mississippi River to river mile 552.7. Also, navigable/historically navigable waters of the Big Blue River, Gasconade River, Grand River, Lamine River, and Osage River, pursuant to Section 10 of the Rivers and Harbors Act of 1899 (as specified in Appendix I).

Permit Conditions:

General Conditions:

1. The time limit for completing the work authorized ends 2 years from each permit determination. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least one month before the above date is reached.
2. You must maintain the activity authorized by this permit in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.
3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and state coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.

4. If you sell the property associated with this permit, you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.

5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit. For your convenience, a copy of the certification is attached if it contains such conditions.

6. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

Special Conditions:

See continuation sheets on pages 4, 5, and 6 of this document.

Further Information:

1. Congressional Authorities: You have been authorized to undertake the activity described above pursuant to:

(x) Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403).

(x) Section 404 of the Clean Water Act (33 U.S.C. 1344).

() Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972 (33 U.S.C. 1413).

2. Limits of this authorization.

a. This permit does not obviate the need to obtain other Federal, state, or local authorization required by law.

b. This permit does not grant any property rights or exclusive privileges.

c. This permit does not authorize any injury to the property or rights of others.

d. This permit does not authorize interference with any existing or proposed Federal project.

3. Limits of Federal Liability. In issuing this permit, the Federal Government does not assume any liability for the following:

a. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.

b. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.

c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.

d. Design or construction deficiencies associated with the permitted work.

e. Damage claims associated with any future modification, suspension, or revocation of this permit.

4. Reliance on Applicant's Data: The determination of this office that issuance of this permit is not contrary to the public interest was made in reliance on the information you provided.

5. Reevaluation of Permit Decision. This office may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:

- a. You fail to comply with the terms and conditions of this permit.
- b. The information provided by you in support of your permit application proves to have been false, incomplete, or inaccurate (See 4 above).
- c. Significant new information surfaces which this office did not consider in reaching the original public interest decision.

Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 325.7 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you to comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measures ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CFR 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.

6. Extensions. General condition 1 establishes a time limit for the completion of the activity authorized by this permit. Unless there are circumstances requiring either a prompt completion of the authorized activity or a reevaluation of the public interest decision, the Corps will normally give favorable consideration to a request for an extension of this time limit.

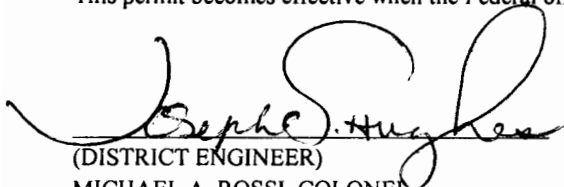
Your signature below, as permittee, indicates that you accept and agree to comply with the terms and conditions of this permit.

GENERAL PUBLIC - SIGNATURE NOT REQUIRED

(PERMITTEE)

(DATE)

This permit becomes effective when the Federal official, designated to act for the Secretary of the Army, has signed below.


(DISTRICT ENGINEER)

MICHAEL A. ROSSI, COLONEL

BY: JOSEPH S. HUGHES

Chief, Regulatory Branch

Operation Division

10/24/05

(DATE)

When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. To validate the transfer of this permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee sign and date below.

(TRANSFEE)

(DATE)

Special Conditions:

- a. You must sign and return a "Compliance Certification" after you complete the authorized work. Your signature will certify that you completed the work in accordance with this permit, including general and specific conditions, and that any required mitigation was completed in accordance with the permit conditions.
- b. The permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.
- c. The authorized activity must not interfere with normal navigation or in any way hinder by location, construction, or operation, any navigation structures or maintenance of those structures without Government consent.
- d. Boat docks must be marked to comply with the U.S. Coast Guard requirements in accordance with "MARKINGS OF STRUCTURES ON THE WESTERN RIVERS." Information concerning U.S. Coast Guard boat dock regulations may be obtained by writing to the following address: Aids to Navigation Branch, Commander (OAN), 8th Coast Guard District, Hale Boggs Federal Building, 500 Camp Street, New Orleans, LA 70130-3396.
- e. You must discuss the terms and conditions of the permit and provide a copy of the permit to any contractor that works under the authority of this permit.
- f. You must maintain the authorized structures in good condition, acceptable for normal daily use, thereby, causing no undue harm to the environment or general public.
- g. You must not use lumber products treated with pentachlorophenol or creosote for the construction of boat docks, connecting walkway ramps, or support piers, or for future repairs of existing docks, walkways, or piers. Chromated copper arsenate (CCA) treated lumber products are acceptable if consistent with U.S. Environmental Protection Agency (EPA) regulations. EPA is currently reassessing the safety of CCA as part of its ongoing re-registration program for older pesticides, therefore, permittees proposing to use CCA-treated lumber products should keep informed about the regulatory status of this product by writing EPA at 901 North 5th Street, Kansas City, KS 66101 or visiting <http://www.epa.gov/oppad001/reregistration/cca/> or www.epa.gov/pesticides/factsheets/alpha_fs.htm .
- h. A floating boat dock must be constructed with a flotation method and devices of a type constructed of low-density, closed-cell, rigid plastic foam; high-impact polyethylene fiberglass material; or metal and/or timber framing. On all new docks, flotation shall be of materials that will not become waterlogged (not over 1 1/2 percent by volume ASTM), is resistant to damage by animals, and will not sink or contaminate the water if punctured. Foam bead flotation that is not subject to deterioration through loss of beads, meets the above criteria, and has a minimum

Special Conditions (continued):

density of 1.2 lb/cu ft is authorized. Foam bead flotation with a density of 1.0 lb/cu ft, but does not otherwise meet the above criteria is authorized provided it is encased in an approved protective coating which enables it to meet the specifications above. An approved coating is defined as warranted by the manufacturer for a period of at least eight years against cracking, peeling, sloughing and deterioration from ultra violet rays, while retaining its resiliency against ice and bumps by watercraft. Existing flotation will be authorized until it has severely deteriorated and is no longer serviceable or capable of supporting the structure, at which time it must be replaced with approved flotation. Metal drum buoyancy units are not permitted unless they are steam cleaned and filled with flotation foam. This general permit does not authorize floating docks that currently utilize or would utilize flotation devices that contain or did in the past contain harmful chemicals.

- i. Floating boat docks must be anchored to the shoreline with a minimum of two, 3/8-inch diameter or larger steel cables. Anchoring docks to live trees is prohibited.
- j. Dredging for boat access or basins in association with boat dock construction is not authorized under this general permit.
- k. No gasoline dispensing facilities or petroleum storage tanks are allowed on boat docks authorized under this general permit.
- l. No structure authorized by this general permit may be located in the proximity of a property listed in the National Register of Historic Places unless, after coordination with the Missouri Department of Natural Resources (MDNR), State Historic Preservation Office, and the Advisory Council on Historic Preservation, a determination of "no effect" or "no adverse effect" is made in accordance with criteria established by 36 CFR 800. In addition, all work must be suspended and you must contact the Corps of Engineers, Kansas City District, in the event that cultural resources are revealed during the construction or placement of structures, or other discharges, authorized by this permit. The authorized work may not resume until the permittee receives clearance from the Corps of Engineers.
- m. You must limit any discharge of fill material to a total of 25 cubic yards in association with dock placement, including the volume of area excavated, for the placement of walkways, piers, deadmen, stairs and riprap. No discharge of fill is authorized in wetlands.
- n. You must use clean, uncontaminated materials for fill in order to minimize excessive turbidity by leaching of fines, as well as to preclude the entrance of deleterious and/or toxic materials into the waters of the United States by natural runoff or by leaching.
- o. You must dispose of excess concrete and wash water from concrete trucks and other concrete mixing equipment in a nonwetland area above the ordinary high water mark and at a location where the concrete and wash water cannot enter the water body or an adjacent wetland area.
- p. You must excavate, dredge and/or fill in the watercourse in a manner that will minimize increases in suspended solids and turbidity, which may degrade water quality and damage aquatic life outside the immediate area of operation.

Special Conditions (continued):

- q. You must immediately remove all construction debris or waste materials located riverward of the ordinary high water mark of the regulated water body (generally located on the high bank), and properly dispose of such materials in a registered landfill, or other appropriate location that complies with state regulations or local ordinances. In the absence of state regulations or local ordinances, you must dispose of construction debris or waste material at an upland location where the materials could not reenter any waters of the United States, including adjacent wetlands.
- r. You must store all construction materials, equipment, and/or petroleum products, when not in use, above anticipated high water levels.
- s. You must restrict the clearing of timber and other vegetation to the absolute minimum required to accomplish the work.
- t. Upon completion of earthwork operations, you must seed, replant or otherwise protect from erosion all fills in the water or on shore, and other areas on shore disturbed during construction.
- u. Riprap or field rock used for bank protection must conform to a reasonably well-graded mixture, consisting of pieces varying in size from 20 pounds up to at least 150 pound pieces. Gravel and dirt should not exceed 15% of the total fill volume. This general permit does not authorize additional erosion control measures that exceed the discharge of 25 cubic yards of fill material, including the volume of any proposed excavation.
- v. You must obtain written approval from the Corps of Engineers, Kansas City District, prior to the discharge of dredged or fill material, or prior to initiating excavation, below the water surface from March 15 to June 15 in the following locations:

<u>Water body</u>	<u>River Miles</u>	<u>County</u>
Osage River	0 - 12.1	Cole and Osage
Gasconade River	105 - Headwaters	Laclede, Phelps, Pulaski, Wright

- w. No activity is authorized under this general permit which is likely to jeopardize the continued existence of a threatened or endangered species or a species proposed for such designation, as identified under the Federal Endangered Species Act, or which is likely to destroy or adversely modify the habitat of such species. See Appendix II, paragraph No. 1 for permitting requirements if these species are likely to be present or their habitat would be modified.
- x. You must provide notification to the appropriate Corps of Engineers district, as specified in Appendix II, before you initiate any activity and receive written confirmation of authorization under this general permit from the Corps of Engineers before you start any work.

APPENDIX I

Criteria for Authorization by General Permit CENWK-GP-4

1. The proposed private fixed or floating boat dock must be constructed no larger than 40-feet-long by 20-feet-wide and must not extend into the navigation channel.
2. All authorized structures must be marked as required by regulations administered by the U.S. Coast Guard.
3. All authorized private docks must be constructed and anchored with materials and in a manner required by the special conditions of the permit document.
4. This general permit does not authorize commercial docks.
5. No gasoline dispensing facilities or petroleum storage tanks are allowed on boat docks authorized by the general permit.
6. The dock must be placed at one of the following locations:
 - a. On the left or right bank, riverward of the ordinary high water mark (OHWM) in the main channel of the Missouri River, between the mouth and river mile 367.4 at the confluence of the Kansas River. On the left descending bank from Missouri River mile 367.4 to river mile 552.7 near Watson, Missouri.
 - b. Riverward of the OHWM in the main channel or in a backwater area of the Missouri River, including side channels, chutes, sloughs, etc., in the following zones:

Kansas City District

Nearby City	River Miles	Remarks
Watson	543.0-541.0	Left Bank Only
Phelps City and Brownville	537.0-533.0	Left Bank Only
Nishnabotna	523.0-521.0	Left Bank Only
Corning	510.0-509.0	Left Bank Only
Craig	503.0-502.0	Left Bank Only
Rulo	498.4-494.0	Left Bank Only
Forbes	473.0-471.5	Left Bank Only
Mill Creek Bend	463.0-460.0	Left Bank Only
St. Joseph	453.0-443.0	Left Bank Only
Atchison	424.0-421.0	Left Bank Only
Leavenworth	399.0-396.0	Left Bank Only
Parkville	378.0-377.0	Left Bank Only
Missouri City	345.0-343.0	
Sibley Fort Osage	338.0-336.0	
Napoleon	330.0-328.0	
Lexington	319.0-316.0	
Waverly	295.0-293.0	
Miami	263.5-262.0	
Chariton River	239.2-238.5	
Glasgow	227.5-225.8	
Boonville	198.0-195.5	
Wilton	162.5-161.5	
Jefferson City	146.0-141.0	

Bonnets Mill	130.5-129.5	
Chamois	118.5-117.0	
Portland	115.0-114.0	
Gasconade	105.5-104.0	
Hermann	99.0 - 97.0	
New Haven	82.5 - 81.0	
Washington	70.0 - 67.0	
Hinkles Bend	57.0 - 55.5	
St. Louis District		
Nearby City	River Miles	Remarks
St. Charles	32.0-25.0	Separate General Permit
Riverside Sand	18.0-16.0	Separate General Permit
Pelican Bend	13.0-12.0	Separate General Permit
State Highway 140	8.5-7.5	Separate General Permit

- c. Big Blue River between the mouth and river mile 4.0
- d. Gasconade River between the mouth and river mile 107.0
- e. Grand River between the mouth and river mile 3.0
- f. Lamine River between the mouth and river mile 14.0
- g. Osage River between the mouth and river mile 81.7

APPENDIX II

CORPS REVIEW PROCEDURES FOR AUTHORIZATION BY GENERAL PERMIT CENWK-GP-4 (FOR CORPS USE ONLY)

1. ENDANGERED SPECIES CONSULTATION. The Corps of Engineers has made a "no effect" determination for activities authorized under this general permit (CENWK-GP-4) in any of the water bodies identified as containing potential habitat for any federally listed threatened or endangered species; unless the Corps of Engineers is provided site specific information that would warrant informal consultation with the U.S. Fish and Wildlife. The Corps of Engineers will maintain a list of waters where the activities authorized under this permit may affect the following species and/or habitat: Pallid Sturgeon, *Scaphirhynchus albus*, (Missouri River only), the Pink Mucket Pearly Mussel, *Lampsilis abrupta*, (Gasconade and Osage Rivers), and the Scaleshell Mussel, *Leptodea leptodon*, (Meramec, Bourbeuse, Big, Gasconade, and Osage Rivers).

a. Additional project specific conditions must be imposed if, through timely informal consultation between the Service and the Corps, they are determined to be necessary to avoid the likelihood of adverse effects to listed species or designated critical habitat.

b. In the event that the likelihood of adverse effects to listed species or designated critical habitat cannot be avoided, authorization will not be provided under the general permit until such time as: i) formal consultation between the Service and the Corps is provided; ii) a non-jeopardy Biological opinion is issued; and iii) the terms and conditions of any associated Incidental Take Statement are incorporated as enforceable conditions to the project authorization under the general permit.

2. PERMIT NOTIFICATION. To propose work under the authority of this general permit, you must provide notification to the Corps of Engineers, Kansas City District, before you initiate any activity. You must submit the following information in this notification:

- (1) A completed application form ENG 4345, or equivalent information.
- (2) A clearly marked site location map.
- (3) A drawing showing the details of the proposed work (Plan and Cross-sectional views).
- (4) Location of any known mussel or clam beds.

You must receive written confirmation of authorization under this general permit from the Corps of Engineers before you start any activity.

3. COMPLIANCE CERTIFICATION. Permittee must sign, date, and return the enclosed "Compliance Certification" to the originating office upon completion of the authorized work and any required mitigation. A completed certification will be furnished with each CENWK-GP-4 verification notice.

COMPLIANCE CERTIFICATION

Special condition "a" of this permit document requires that you submit a signed certification regarding the completed work and any required mitigation. This certification page satisfies this condition if it is provided to the Kansas City District at the address shown at the bottom of this page upon completion of the project.

APPLICATION NUMBER: 200500648

APPLICANT: General Public

PROJECT LOCATION: Missouri River, mile to 552.7 in Section , Township , Range , County, Missouri.

- a. I certify that the authorized work was done in accordance with the Corps authorization, including any general or specific conditions.
- b. I certify that any required mitigation was completed in accordance with the permit conditions.
- c. Your signature below, as permittee, indicates that you have completed the authorized project as certified in paragraphs a and b above.

(PERMITTEE)

(DATE)

Return this certification to:

U.S. Army Corps of Engineers
ATTN: CENWK-OD-RM (200500648)
700 Federal Building
Kansas City, MO 64106-2896



Matt Blunt, Governor • Doyle Childers, Director

DEPARTMENT OF NATURAL RESOURCES

www.dnr.mo.gov

October 17, 2005

Colonel Michael A. Rossi
U.S. Army Corps of Engineers
700 Federal Building
601 East 12th Street
Kansas City, MO 64106

Various Counties
CENWK-GP-4/200500648/CES001212
Reissuance

Dear Colonel Rossi:

The Missouri Department of Natural Resources Water Protection Program has reviewed Public Notice Permit No. CENWK-GP-4 (200500648)/CES001212, a joint notice on behalf of the Army Corps of Engineers' (Corps) Kansas City District in conjunction with the St. Louis District, proposing to renew authorization of General Notice No. 4 for another 5-year period. The St. Louis District concurrently issued a public notice describing the proposed renewal of this general permit within their regulatory geographic region.

This general permit was extended from the scheduled expiration date of July 17, 2005, and is in effect until December 31, 2005, unless reissued, revoked or specifically extended. The general permit presently authorizes the placement of small private boat docks, associated dock structures and minor discharges up to 25 cubic yards, including excavation, in the Missouri River at locations as described in Appendix I of the permit and in the navigable portions of the Big Blue River, Gasconade River, Grand River, Lamine River and Osage River. There have been approximately 21 verifications by the Kansas City District under this general permit since 1998.

More specifically, the authorized activities would include construction, installation and maintenance of fixed or floating private boat docks, no larger than 40-feet-long by 20-feet-wide, with attendant features that are necessary for the use and maintenance of the dock, i.e., walkways, piers, deadmen and stairs. In addition, minor discharges up to 25 cubic yards, including the volume of any area excavated, which are necessary for installation of the dock and protection of the adjacent riverbank. No commercial docks are authorized.

This office certifies that the proposed activities will not cause the general or the numeric criteria to be exceeded nor impair the beneficial uses established in the Water Quality Standards, 10 CSR 20-7.031, provided the following conditions are met:

1. This proposed general permit shall not be valid for any water that:
 - a. Is listed as impaired pursuant to Section 303(d) of the Clean Water Act, or
 - b. If the activities are located in or occur within two miles upstream of a designated outstanding state or national resource area (10 CSR 20-7.031).

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2. This certification shall not allow the filling of a jurisdictional spring or a spring with connectivity to a jurisdictional stream.
3. Care shall be taken to keep machinery out of the waterway as much as possible. Fuel, oil and other petroleum products, equipment and any solid waste shall not be stored below the ordinary high water mark (OHWM) at any time or in the adjacent floodway beyond normal working hours. All precautions shall be taken to avoid the release of wastes or fuel to streams and other adjacent waterbodies as a result of this operation.
4. Clearing of vegetation/trees shall be the minimum necessary to accomplish the activity.
5. The riparian area, banks, etc., shall be restored to a stable condition to protect water quality as soon as possible. Seeding/planting of native vegetation, mulching and needed fertilization shall be within three days of final contouring, or as soon as possible as seasonal timing permits. On-site inspections of these areas shall be conducted by the permittee as necessary to ensure successful revegetation and stabilization, and to ensure that erosion and deposition of soil in waters of the state is not occurring from this project.
6. Only clean, nonpolluting fill shall be used.
7. Work shall be conducted during low water stages whenever possible.
8. The following materials are not suitable for bank stabilization and should not be used:
 - a. Earthen fill, gravel, broken concrete where the majority of material is less than 12 inches in diameter, and fragmented asphalt, since these materials are usually not substantial enough to withstand erosive flows;
 - b. Concrete with exposed rebar;
 - c. Tires, vehicles or vehicle bodies, construction or demolition debris are solid waste and are excluded from placement in the waters of the state; and
 - d. Liquid concrete, including grouted riprap, if not placed as part of an engineered structure.

Recycled concrete may be used provided that it is clean material broken into appropriately sized pieces (greater than 12 inches) of riprap with no protruding rebar.
9. Best Management Practices (BMPs) shall be used during all phases of the proposed projects to limit the amount of erosion into the waterways and to avoid causing bed or bank erosion as a result of this project.
10. Materials containing creosote or pentachlorophenol shall not be used.
11. The projects shall not be constructed in, or immediately upstream of, any known mussel beds. The Missouri Department of Conservation should be consulted at (573) 882-9880 to determine if any known beds are present.

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12. The quality of downstream water supplies shall not be adversely affected by these projects. Any such supplies in the immediate downstream river miles shall be advised at the time the project is initiated. For the presence of such supplies you may call the Water Protection Program's Public Drinking Water Branch at (573) 751-0124.
13. This general permit shall remain effective for a period of five (5) years from the date of this certification renewal.

If you were affected by this decision, you may appeal to have the matter heard by the administrative hearing commission. To appeal, you must file a petition with the administrative hearing commission within thirty (30) days after the date this decision was mailed or the date it was delivered, whichever date was earlier. If any such petition is sent by registered mail or certified mail, it will be deemed filed on the date it is mailed; if it is sent by any method other than registered mail or certified mail, it will be deemed filed on the date it is received by the administrative hearing commission.

Water Quality Standards must be met during any operations authorized by these permits. If you have any questions, please call Ms. Gail Wilson of the NPDES Permits and Engineering Section at (573) 526-1535, e-mail at gail.wilson@dnr.mo.gov, or by mail at Missouri Department of Natural Resources, Water Protection Program, P.O. Box 176, Jefferson City, MO 65102-0176.

Sincerely,

WATER PROTECTION PROGRAM



Peter Goode, P.E., Chief
NPDES Permits and Engineering Section

PG/gwp

c: Mr. James Ptacek, Army Corps of Engineers, Kansas City District, MO State Reg. Office
DNR - KCRO